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[54] **CONTINUOUS PRODUCTION OF EMULSIONS AND MICROCAPSULES OF UNIFORM PARTICLE SIZE**

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[58] Field of Search ..... 106/170; 252/319, 252/320, 327, 318, 304; 264/4.1

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[57] **ABSTRACT**

An improvement is produced in prior art processes for the continuous production of emulsions; the processes include the step of continuously combining volumetrically determined amounts of the hydrophobic phase and the hydrophilic phase in mixing apparatus in a volume ratio of about 45 to 95 percent hydrophobic phase to about 5 to 55 percent hydrophilic phase wherein the particle size of the emulsion is controlled by adjusting the volume ratio within the aforesaid ranges; the process is particularly useful as the emulsification step of a process for forming microcapsules.

**20 Claims, 2 Drawing Sheets**